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CA

2

Ternary reciprocal systems with dichromates. K. A. Evdokimova and G. A. Bergman. *Akad. Nauk S.S.S.R., Referaty, Otdel. Khim.* 1945, 43.—(1) The system $Na_2Cr_2O_7$ forms a compd. 1:1, m. 310° with discorn.; eutectic $Na_2Cr_2O_7$ + $Na_2Cr_2O_7.K_2Cr_2O_7$, m. 308°, 26% $K_2Cr_2O_7$. Pure $Na_2Cr_2O_7$ melts at 360°; a distinct inflection on the $Na_2Cr_2O_7$ branch at 340° indicates polymorphic transition. (2) In the reciprocal system Na, K, NO_3, Cr_2O_7, the stable pair $(NaNO_3)_2$-$K_2Cr_2O_7$ has a eutectic at 220°, 30% $K_2Cr_2O_7$. Points of the system (in mole %) are: transition at $Na_2Cr_2O_7$ 30, $(NaNO_3)_2$ 53, $K_2Cr_2O_7$ 23, 223°; eutectic $Na_2Cr_2O_7$ 13, $(NaNO_3)_2$ 56, $K_2Cr_2O_7$ 31, 220°; eutectic $(NaNO_3)_2$ 45, $K_2Cr_2O_7$ 25, $(KNO_3)_2$ 30, 204°. (3) In the reciprocal system Na, K, Cl, Cr_2O_7, the stable section $K_2Cr_2O_7$-(NaCl)$_2$ has a eutectic at 339°, 17% $(NaCl)_2$. Points of the system: transition at $(NaCl)_2$ 15.5, $K_2Cr_2O_7$ 81.5, $(KCl)_2$ 3, 350°; eutectic at $(NaCl)_2$ 5, $K_2Cr_2O_7$ 38.5, $Na_2Cr_2O_7$ 56.5, 302°; eutectic at $(NaCl)_2$ 5, $K_2Cr_2O_7$ 25, $Na_2Cr_2O_7$ 70, 300°.

N. Thon

A10-11A METALLURGICAL LITERATURE CLASSIFICATION

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83639

S/081/60/000/015/005/014
A006/A001

Investigation of the Thermodynamic Properties of Silicon Oxide Vapors and of Their Condensation Processes by Explosion in a Spheric Bomb

$H_T - H_o$ of SiO (gas), SiO_2 (gas) (1200-3200°K); SiO_2 (sol.) and SiO_2 (liquid) (up to 3000°K) and SiO (amorphous) (up to 2100°K). Four series of explosions were made with mixtures containing 1.2-disilylethane (the preparation is described); 1) with an excess of O_2; 2) with O_2 and an excess of H_2; 3) with CO and an excess of O_2; 4) with O_2 and an excess of CO. Calculations of series 1 and 2 have shown that when the maximum pressure has been attained equilibrium condensation of supersaturated SiO_2 and SiO vapors takes place; consequently the explosion method is applicable to the determination of sublimation heats ΔH_o^o (subl.). Calculations of series 3 and 4 yielded for SiO_2 ΔH_o^o (subl.) > 130 kcal/mole. It was determined from the series 2 that for SiO (amorphous) ΔH_o^o (subl.) = 86.5 kcal/mole.

G. Bergman

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

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BERGMAN, G.A.; MEDVEDEV, V.A.

[redacted]

Thermodynamic properties of the vapors of silicon oxides and the processes of their condensation, as studied by means of explosions in a spherical bomb. Trudy GIPKH no.42:158-172 '59. (MIRA 13:10)
(Silicon oxide) (Explosions) (Heat of sublimation)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, A.G.; KEROPYAN, V.V.; BAKUMSKAYA, Ye.L.

Ternary system consisting of lithium, thallium and lead sulfates. Zhur.neorg.khim. 7 no.10:2447-2449 O '62. (MIRA 15:10)
(Lithium sulfate) (Thallium sulfate) (Lead sulfate)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

ARABADZHAN, A.S.; BERGMAN, A.G.

Melting diagram of the ternary system consisting of lithium, sodium, and potassium bromides. Zhur.neorg.khim. 8 no.3:720-722 Mr '63.
(MIRA 16:4)

1. Rostovskiy-na-Donu nauchno-issledovatel'skiy institut tekhnologii mashinostroyeniya.
(Alkali metal bromides) (Melting points)

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, A.G.; ANDRYUSHCHENKO, Yu.I.

Melting diagram of the reciprocal system consisting of lithium and lead chlorides and bromides. Zhur.neorg.khim. 8 no.3:712-714 Mr '63. (MIRA 16:4)

1. Rostovskiy-na-Donu nauchno-issledovatel'skiy institut tekhnologii mashinostroyeniya.

(Systems (Chemistry)) (Fused salts)

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, A.G.; ARABADZHAN, A.S.

Effect of the shift of equilibrium on melting diagrams of the systems with solid solutions. Zhur.neorg.khim. 8 no.3:723-728 Mr '63. (MIRA 16:4)

1. Rostovskiy-na-Donu nauchno-issledovatel'skiy institut tekhnologii mashinostroyeniya.
(Phase rule and equilibrium) (Solutions, Solid)

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BERGMAN, G.A.

PHASE I BOOK EXPLOITATION JUN SOV/6250

Gurvich, Lev Veniaminovich, Georgiy Akopovich Khachkuruzov, Vadim Andreyevich Medvedev, Inessa Veniaminovna Veyts, Georgiy Andreyevich Bergman, Vladimir Stepanovich Yungman, Nina Petrovna Rtishcheva, Lidiya Fedorovna Kuratova, Georgiy Nikolayevich Yurkov, Amaliya Abramovna Kane, Boris Fedorovich Yudin, Boris Isidorovich Brounshteyn, Viktor Feodoseyevich Baybuz, Valeriy Aleksandrovich Kvlividze, Yevgeniy Aleksandrovich Prozorovskiy, and Boris Aleksandrovich Vorob'yev.

Termodinamicheskiye svoystva individual'nykh veshchestv; spravochnik v dvukh tomakh. tom 1: Vychisleniye termodinamicheskikh svoystv; tom 2: Tablitsy termodinamicheskikh svoystv (Thermodynamic Properties of Individual Substances; Reference Book in Two Volumes. v. 1: Calculation of Thermodynamic Properties; v. 2: Tables of Thermodynamic Properties). 2d ed., rev. and enl. Moscow, Izd-vo AN SSSR, 1962. 1161 and 916 p. 4000 copies printed.

Sponsoring Agencies: Akademiya nauk SSSR. Institut goryuchikh iskopayemykh; and Gosudarstvennyy komitet Soveta Ministrov SSSR

Card 1/3

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Thermodynamic Properties (Cont.)

SOV/6260

po khimii. Institut prikladnoy khimii.

Resp. Ed.: V. P. Glushko, Academician, L. V. Gurvich, G. A. Khachkuruzov, I. V. Veyts, and V. A. Medvedev; Ed. of Publishing House: K. P. Gurov; Tech. Ed.: V. G. Laut.

PURPOSE: This reference book may be used in scientific-research and experimental-design work in institutes, design offices, and schools of higher education, as well as for training specialists in chemical thermodynamics and thermal physics.

COVERAGE: Volume 1 of this work deals with methods for calculating thermodynamic properties and with the selection of constants required for the calculations. Volume 2 contains tables of thermodynamic properties (reduced thermodynamic potential, entropy, enthalpy, and the logarithm of the dissociation or ionization constants of equilibrium) compiled, where data were lacking, on the basis of published and unpublished material from a number of Soviet research institutes. Thermodynamic properties for the ideal gas

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state are presented in table form for 335 gases, 44 liquids, and 45 solids compounded from 33 chemical elements and their isotopes, viz.: H, D, T, He, Li, Be, B, C, N, O, F, Ne, Na, Mg, Al, Si, P, S, Cl, Ar, K, Ca, Br, Kr, Re, Sr, Zr, I, Xe, Cs, Ba, Hg, and Pb. Thermodynamic properties are given for the following 22 gases in the range from room temperature to 20,000°K: H, H^+, H^-, O, O^+, H_2, O_2^+, O_2, OH, OH^+, H_2O, N, N^+, N_2, N_2^+, NO, NO^+, C, C^+, CO, CO^+, and e^-; for the 14 least stable gases up to 4000°K; and for the remaining 299 gases up to 6000°K. Virial coefficients for 34 gases are also given up to 6000°K.

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PART I. METHODS OF CALCULATING THE THERMODYNAMIC PROPERTIES OF INDIVIDUAL SUBSTANCES 19

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, G.A. (Moskva); SHMUK, Ye.I. (Moskva)

Thermodynamics of germanium reactions taking place during the thermal processing of coal. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no.1:60-66 Ja-F '62. (MIRA 15:2)
(Coal--Carbonization)
(Germanium)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, G.A. (Moskva); SHMUK, Ye.I. (Moskva)

Thermodynamics of germanium sulfides and some of their reactions. Izv. AN SSSR Met. i gor. delo no.3:91-99 My-Je'64 (MIRA 17:7)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

MEDVEDEV, V.A.; YUNGMAN, V.S.; VOROB'YEV, A.F.; GURVICH, L.V.; BERGMAN, G.A.; REZNITSKIY, L.A.; KOLESOV, V.P.; GAL'CHENKO, G.L.; KHODEYEV, Yu.S.; KHACHKURUZOV, G.A.; SOKOLOV, V.B.; GOROKHOV, L.N.; MONAYENKOVA, A.S.; KOMAROVA, A.F.; VEYTS, I.V.; YURKOV, G.N.; MALENKOV, G.G.; SMIRNOVA, N.L.; GLUSHKO, V.P., akademik, otv. red.; MIKHAYLOV, V.V., red.; KARAPET'YANTS, M.Kh., red.

[Thermal constants of substances; reference book in ten numbers] Termicheskie konstanty veshchestva; spravochnik v desiati vypuskakh. Moskva, No.1. 1965. 144 p. (MIRA 18:7)

1. Moscow. Vsesoyuznyy institut nauchnoy i tekhnicheskoy informatsii.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

NIKITIN, K.A.; BERGMAN, G.A.; NIKOLAYEVA, V.A.

Seminar on the Production and Physical Properties of Refractory Carbides, held at Kiev on January 13-15, 1964. Teplofiz. vys. temp. 2 no.1:130-131 Ja-F '64. (MIRA 17:3)

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, Gertrud G.

CA

II I

Compositions of insects during metamorphosis. GERTRUD G. BERGMAN. *Trav. lab. biogéochim. acad. sci. U. R. S. S.* 2, 31-42(in German); 43-3 (in Russian)(1932).—This work represents a part of the general study on the transfer of chem. elements within the bodies of living substances, *i. e.*, biogenic migration. *Pieris brassicae* L., *Rhagium indagator* L. and *Polistis gallica* L. were analyzed for water, C, H, N, P, S and ash in the larval, pupal and adult stages. In these resp. stages *Rhagium indagator* contained, on the basis of the wt. of the living material: water 31.77, 29.70, 40.00; C 15.00, 10.78, 21.08; H 10.19, 10.03, 8.90; N 1.88, 2.47, 3.52; ash 4.17, 3.18, 3.20%. Compn. of the other two insects follows a similar trend. The most marked change in compn. takes place when the insect changes from pupa to adult. S. S. IVANOFF

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

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CA

BERGMANN, G.G.

8

Vanadium in oil products and bituminous rocks. G. G. Bergman. *Compt. rend. acad. sci. U. R. S. S.* 29, 108-11 (1940) (in English).—V was found to be present in some bituminous rocks and oil products in varying amts. as detd. by analysis of the ash. Some Sadka asphalts showed about 30% V in the ash and about 0.30% V in the rock which indicates there are sufficient concns. of V to advance the question of its industrial recovery. J. Kaye

Inst. Geochem. & analyt. Chem. im. Vernadskiy, AS USSR

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

CA

BERGMAN, G.G.

IID

Trace elements contained in kok-saghyz. S. A. Ilovaiskii, G. G. Bergman and T. P. Borovik-Romanova. *Compt. rend. acad. sci. U. R. S. S.* 40, 150-30(1943)(in English). Tabulated qual., spectrographic data are presented. In the seeds of 4 specimens of kok-saghyz from different localities, the elements Pb, Cu, Zn, Ga, Mo and Cr were always detected. The quantities of Sn, Co and Si were variable, being barely detectable in some seed samples. The picture was, in general, similar with respect to root samples, aside from the latter's content of Ni and Zr.
J. W. Perry

SOMMON ELEMENTS

COPER

MATERIALS INDEX

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

STONE STRUCTURE

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SELECTIONS

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CA

BERGMAN, G.G.

19

Chromium and vanadium in the soils of the Soviet Union. A. P. Vinogradov and G. G. Bergman. Pochvovedenie (*Pedology*) 1949, 560-73. In soils of the tundra zone there is more V than Cr, probably because of the nepheline syenite. There is more V and Cr in the upper than in the lower horizons. There seems to be more V in the tundra soils than in many soils of the other soil groups. The sod podzolized soils on clay loess contain more Fe and correspondingly more Cr than the soils on boulder clay. There is more Cr than V in these soils. There is a more or less uniform content of V in the profile. There is a definite concn. of Cr and sometimes of V in the *B* horizon. In the gray forest soils there is a concn. of V and Cr in the *B* horizon. Chernozem soils contain relatively more Cr and V than the other zonal soils. There is a concn. of Cr and V in the upper horizon, with slightly more Cr. The chestnut-brown and gray semidesert soils have more Cr than V. The red loams, in spite of the high Fe content, contain small amts. of Cr. The V content is higher than in any of the soil groups. In general, the Cr content is higher than that of V. The av. of all soils is: Cr 1.9×10^{-3} and V 1×10^{-3}. Tabular data are given on the Cr and V contents of the profiles of the zonal soils in Russia as well as the soils in the U. S., France, England, Germany, and Japan. J. S. Joffe

Inst. Geochem. + analyt. Chem. im. Vernadskiy, AS USSR

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, G.G.

Determining the nickel content of some iron meteorites in the collection of the Academy of Sciences of the U.S.S.R. Meteoritika no.13:128-132 '55. (MLRA 9:2)
(Meteorites) (Nickel)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

VASILCIUC, N; BERGMAN, I.

Experimental studies on the commutation of direct-current machines. Studii fiz tehn Iasi 12 no.2:235-247 '61.

1. Institutul politehnic, Iasi, Laboratorul de masini electrice.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

CORLATEANU, V., prof.; BERGMAN, Iosif; SERBAN, Gh.; LEONTE, P.; STIRBU, V.

Self-excitation of the three-phase machine with collector, fed by a stator with three brushes on the couple of the poles. Running of the self-excited machines having a load in series with primary circuit. Studii fiz tehn Iasi 12 no.2:249-265 '61.

1. Institutul politehnic, Iasi, Catedra de masuri si masini electrice, Laboratorul de masini electrice. 2. Membru al Comitetului de redactie, "Studii si cercetari stiintifice, Fizica si stiinte tehnice" -Filiala Iasi- (for Corlateanu).

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, I.; CORLATEANU, V., prof.; SERBAN, Ch.; LEONTE, P.; STIRBU, V.

Some observations on the running of the three-phase machines with collector, fed by stator, under the working conditions of a generator. Studii fiz tehn Iasi 12 no.2:375-382 '61.

1. Membru al Comitetului de redactie, "Studii si cercetari stiintifice, Fizica si stiinte tehnice" -Filiala Iasi- (for Corlateanu).

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

CORLATEANU, Vasile, dr. ing. (Iasi); BERGMAN, Iosif, ing. (Iasi)

Self-excitation of three-phase machines with commutator; theoretical considerations. Electrotehnica 10 no.7:250-256 Jl '62.

1. Profesor de masini electrice la Institutul politehnic, Iasi, si conducatorul sectiei de cercetari tehnice a Academiei R.P.R., filiala Iasi (for Corlateanu). 2. Asistent la Institutul politehnic, Iasi (for Bergman).

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

CORLATEANU, Vasile, prof. dr. ing. (Iasi); BERGMAN, Iosif, ing. (Iasi)

Self-excitation of three-phase commutator machines; experimental considerations. Electrotehnica 10 no.8:294-303 Ag '62.

1. Profesor de masini electrice la Institutul Politehnic, Iasi, si conducatorul sectiei de cercetari tehnice a Academiei R.P.R. Filiala Iasi (for Corlateanu). 2. Asistent la Institutul Politehnic, Iasi (for Bergman).

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, I.A.

Use of the "konkhotom" in the treatment of pericoronitis

Stomatologiia no.2, 1952

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BERGMAN, I.A., SERGEYEVA, Ye.G.

New method for X-raying impacted teeth in the upper jaw.
Vest.rent. i rad. 33 no.5:95-96 S-O '58 (MIRA 11:11)

1. Iz Kurskoy gorodskoy klinicheskoy bol'nitsy No.1 (glavnyy vrach E.P. Skripkin).
(JAWS--RADIOGRAPHY)

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BATIYEVA, I.D.; BERGMAN, I.A.

Quantitative mineral composition of alkali granites of the western Keyvy Upland. Mat. po min. Kol'. poluost. 2:143-148 '62. (MIRA 16:4)

(Keyvy Upland--Granite--Analysis)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, I.A.

Accessory mineralization of the granitoids of the "Gremyakha-Vyrmes" pluton. Nat. po min. Kol'. poluost. 3:20-35 '62.

Titanium mineralization and the characteristics of titanium in the granitoids of the "Gremyakha-Vyrmes" pluton. Ibid.:50-56 (MIRA 17:3)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMANN, K.; HLAVOVA, A.; HORAK, O.

Therapy of hypertension in out-patients with DH-ergotoxine. Cas. lek. cesk. 44 no.10:237-240 4 Mar 55.

1. Ustav pro choroby obehu krevniho, Praha; red. prof. Dr. Kl.Weber
(ERGOT ALCALOIDS, ther. use
dihydrogenated deriv. in hypertension in out-patients)
(HYPERTENSION, therapy
dihydrogenated ergot alcaloids in out-patients)

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, K.

FEJFAR, Z.; ZAJIC, Fr. BERGMAN, K.; FEJFAROVA, M.H.

Impedance plethysmography. Cas. lek. cesk. 44 no.10:252-254 4 Mar 55.

1. Ustav pro choroby obehu krevniho, red. prof. Dr. Kl. Weber.
(PLETHYSMOGRAPHY
impedance)

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, K. G., Cand Tech Sci — (diss) "Fluidity of liquids on real surfaces and its effect on the diffusion transfer processes," Moscow, 1960, 15 pp, 250 cop. (Scientific Institute for Fertilizers and Insecto-fungicides im Prof. Ya. V. Samoylov - NIUIF) (kl, 45-60, 125)

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BULYGIN, I.I., inzh.; BERGMAN, K.G., kand.tekhn.nauk; GLADYREVSKAYA, S.A., kand.tekh.nauk; LEVI, B.I., kand.tekhn.nauk

Protective measure for tank cars transporting sulfuric and mixed acids. Vest. TSNII MPS 20 no.5:47-50 '62. (MIRA 15:8)

1. Nauchnyy institut po udobreniyam i insektofungisidam i Nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta.
(Tank cars--Corrosion) (Protective coatings)

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L 13912-66 EWT(m)/T/EWP(t)/ETI(b) JD/WB/DJ

ACC NR: AM5020046 SOURCE CODE: UR/0081/65/000/012/K017/K017

AUTHOR: Bergman, K.G.; Isakova, T.G.

ORG: none

TITLE: A study of corrosion resistance of fluorinated separative liquids and lubricant

SOURCE: Ref. zh. Khimiya, Abs. 12K91

REF SOURCE: Vestn. tekhn. i ekon. inform. N.-i. in-t tekhn.-ekon. issled. Gos. kom-ta khim. prom-sti pri Gosplane SSSR, vyp. 9, 1964, 2, 31

TOPIC TAGS: lubricant, fluorinated organic compound, phosphoric acid, nitric acid, sulfuric acid, chemical resistance

TRANSLATION: The results are given of studies made on the chemical resistance of fluorinated lubricants "ZF," "10-OKF, and the separating fluids "Nos. 12 and 13 in various aggressive media (5, 30, 75, and 99% H_2SO_4; oleum containing 21.8% of free SO_3; nitrose containing 81% of H_2SO_4 and 4.5% of HNO_3, extracting H_3PO_3 with a concentration of 22 and 26% P_2O_5) at temperatures of 20, 50, and 100°C. Chemically stable separating fluids are necessary for pressure measurements and aggressive liquid expenditure in the production at basic chemical industries. New corrosion- and tempera-

Card 1/2

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ACC NR: AR5020046

ture-stable lubrication materials may be used in operating pumps and vacuum units in aggressive media, e.g., the packing of the units' cranes in the study of nitric oxides absorption of ZF lubricants has shown high anticorrosive and lubricating properties during a ~ 6 months operation. I. Potapov.

SUB CODE: 07

Card 2/2

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, M.

27299 BERGMAN, M. - Ekonomicheskoe Obosnovanie Vysholneniya Kapital'Nogo Remonta Avtomobiley Vne Avtokhozyaystva. Avtomobil', 1949, No 8, S. 9-12.

SO: Letopis' Zhurnal'nykh Statey, Vol. 36, 1949

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, M.

Wrote about the regeneration of used Lubricating oil: conservationoof extremely important petroleum products

P: Avtomobil', no. 7, July 1950, Moskva

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, M.

Wrote about Administration of Motor Vehicle Transport of Ministry of Procurements of the USSR Office of Design and Construction of Motor Vehicle Transport Installations

P: Avtomobil no. 7, July 1950

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, M., inzhener

Basic technical and economic data for garage construction.
Avt. transp. 33 no.4:6-8 Ap '55. (MIRA 8:7)
(Garages)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, M., inzhener.

Causes of noise in the rear suspension of the M-20 Pobeda automobile. Avt.transp. 34 no.11:21-22 N '56. (MLRA 9:12)
(Garages)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, M.

Buildings used in automobile transportation abroad. Avt. transp. 35 no.12:32-33 D '57. (MIRA 11:1)
(Industrial buildings)
(Transportation, Automotive)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

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BERMAN, M.L.; RACHKULIS, V.I.

Luminescence method for checking rubber mixtures. Kauch. i rez. 16 no.12:33-36 D '57. (MIRA 11:3)

1. Tashkentskoye otdeleniye nauchno-issledovatel'skogo instituta kabel'noy promyshlennosti.
(Rubber) (Luminescence)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, M. M.

VALEFEL'D, Rol'f [Wahlfeld, Rolf]; ZHAK, Fridrikh [Zhak, Friedrich]; KLEYNERMAN, Yu.A., inzhener, [translator]; BERGMAN, M.M., redaktor; MAL'KOVA, N.V., tekhnicheskiy redaktor

[Garages and service stations; planning, construction and equipment. Translated from the German] Garazhi i avtozapravochnye stantsii; proektirovanie, stroitel'stvo i oborudovanie. Perevod s nemetskogo IU.A.Kleinermana. Moskva, Nauchno-tekhn.izd-vo avtotransp.lit-ry, 1957. 259 p. (MLRA 10:7)

(Garages) (Service stations)

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BERGMAN, P., Eng.

Improving the quality of work
Biul. stroi. tekh 9,no. 13, 1952

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

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SOLOV'YEV, Nikolay Nikolayevich; BERGMAN, P.Ya., redaktor; ZABRODINA, A.A. tekhnicheskiy redaktor.

[Principles of wire communications measurement techniques] Osnovy izmeritel'noi tekhniki provodnoi sviazi. Moskva, Gos.energ. izd-vo. Pt. 1, 1955. 272 p. (MLRA 8:9)
(Electric measurements)

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VITENBERG, Moisey Izrailevich; BERGMAN, P.Ya., redaktor; MIKHAYLOVA, Ye.M., tekhnicheskiy redaktor

[Computation for electromagnetic relays of automatic control and telecommunication systems] Raschet elektromagnitnykh rele dlia apparatury avtomatiki i sviazi. Moskva, Gos. energ. izd-vo, 1956. 464 p.

(Electric relays) (MLRA 9:9)

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BERGMAN, P.YA

SOLOV'YEV, Nikolay Nikolayevich; BERGMAN, P.Ya.; ZABRODINA, A.A., tekhn.red.

[Principles of wire communication measurement techniques] Osnovy izmeritel'noi tekhniki provodnoi sviazi. Moskva, Gos. energ.izd-vo. Pt.2. 1957. 460 p. (MIRA 11:1)
(Electric measurements)

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BERGMAN, P.Ya.

RADVINSKAYA, A.S. [translator]; FEDORTSOV, B.F., red.; BERGMAN, P.Ya., red.; ZABRODINA, A.A., tekhn.red.

[Present-day apparatus for pototelegraphy; a collection of translations] Sovremennaia fototelegrafnaia apparatura; sbornik perevodov. Moskva, Gos.energ. izd-vo, 1958. 279 p. (MIRA 11:7)
(Phototelegraphy)

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PARNES, Mikhail Grigor'yevich; BERGMAN, P.Ya., red.; SOBOLEVA, Ye.M., tekhn.red.

[Mechanization and automatization of some labor-consuming production processes] Mekhanizatsiia i avtomatizatsiia nekotorykh trudoemkikh protsessov; iz opyta radiopromyshlennosti. Moskva, Gos.energ.izd-vo, 1959. 115 p. (MIRA 12:8)
(Automation) (Factory management)

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SOLOV'YEV, Nikolay Nikolayevich; MURZENKO, A.M., retsenzent; BERGMAN, P.Ya., red.; ZABRODINA, A.A., tekhn.red.

[Fundamentals of electric measurements in wire communications] Osnovy izmeritel'noi tekhniki provodnoi sviazi. Moskva, Gos. energ.izd-vo. Pt.3. 1959. 430 p. (MIRA 13:2)
(Electric measurements) (Telecommunications)

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KNORRING, Gleb Mikhaylovich; BERGMAN, P.Ya., red.; SOBOLEVA, Ye.M., tekhn.red.

[Efficient use of electric power for electric lighting] Ratsional'noe ispol'zovanie elektricheskoi energii dlia osveshcheniia. Moskva, Gos.energ.izd-vo, 1960. 31 p. (MIRA 13:11)

(Electric lighting)

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[Calculation of the stator winding of an asynchronous motor] Kak rasschitat' obmotku statora asinkhronnogo dvigatelia. Moskva, Gos.energ.izd-vo, 1960. 61 p. (Biblioteka elektromontera, no.26). (MIRA 14:1)
(Electric motors, Induction--Windings)

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LAPSHIN, Aleksandr Aleksandrovich; BERGMAN, P.Ya., red.; ZHITNIKOVA, O.S., tekhn.red.

[Electric hygrometers] Elektricheskie blagomery. Moskva, Gos. energ.izd-vo, 1960. 114 p. (Biblioteka po avtomatike, no.21) (MIRA 14:6)

(Moisture—Measurement)
(Materials—Testing)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

FEDORTSOV, Boris Fedorovich; KOTOV, P.A., prof., retsenzent; ZELIGER, N.B., prof., retsenzent; BERGMAN, F.Ya., red.; SOBOLEVA, Ye.M., tekhn.red.

[Phototelegraphy] Fototelegrafiia. Moskva, Gos.energ.izd-vo, 1960. 354 p. (MIRA 13:5)
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PETROV, Andrey Nikolayevich; SHMATCHENKO, Vladimir Filippovich; BERGMAN, P.Ya., red.; ZHITNIKOVA, O.S., tekhn. red.

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(Radio filters)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

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GOLLAND, Meylekh Isayevich; VOLOTSKIY, N.V., kand. tekhn. nauk, retsenzent; LAZAREV, D.N., kand. tekhn. nauk, retsenzent; BERGMAN, P.Ya., red.; SOBOLEVA, Ye.M., tekhn. red.

[Equipment for luminescence analysis] Apparatura dlia liuminestsentnogo analiza. Moskva, Gos.energ.izd-vo, 1961. 127 p. (MIRA 15:1)

(Luminescence) (Chemistry, Analytical)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, S. (Stanford, California); DUDA, R.; KNASTER, B.; MYCIELSKI, Jan (Wroclaw); SCHINZEL, A. (Warsaw)

Kazimierz Zarankiewicz (May 2, 1902-September 5, 1959). Col math 12 no.2:277-288 '64.

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SOKOLOV, I.S.; BERGMAN, S.I., glavnyy vrach.

Role of novocaine electrophoresis following tonsillectomy. Sov.med. 17 no.9:37-38 S '53. (MLRA 6:9)

1. LORotdeleniye Mukachevskoy gorodskoy bol'nitsy.
(Cataphoresis) (Novocaine) (Tonsils--Surgery)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, S. I.

BERGMAN, S.I. (Mukachevo)

Morphological characteristics of endemic goiter among inhabitants of the Transcarpathian region [with summary in English, p.126]. Probl. endok. i gorm. 3 no.2:74-81 Mr-Ap '57. (MIRA 10:10)

1. Iz patologoanatomicheskogo otdeleniya Mukachevskoy gorodskoy bol'nitsy.
(GOITER, statist.
endemic, in USSR (Rus))

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, S.I.

Evaluation of the effectiveness of endemic goiter prophylaxis among inhabitants of Transcarpathian Province. Probl. endok. i gorm. 6 no.6:98-101 '60. (MIRA 14:2)
(TRANSCARPATHIA--GOITER)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, S.I.; ZODUN, I.M.

From the practice of conducting clinical pathoanatomical conferences. Vrach. delo no.6:114-117 Je'63. (MIRA 16:9)

1. Mikachevskaya gorodskaya bol'nitsa.
(ANATOMY, PATHOLOGICAL)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

5.4110
5.2620

S/078/60/005/06/11/030
B004/B014

AUTHORS: Akopov, Ye. K., Bergman, A. G.

TITLE: The Complicated Formation of Complex Compounds in the Quaternary Reciprocal System From the Chlorides and Sulfates of Lithium, Sodium, and Potassium

PERIODICAL: Zhurnal neorganicheskoy khimii, 1960, Vol. 5, No. 6, pp. 1257 - 1266

TEXT: A much more complicated formation of complex compounds than has so far been assumed was found in the prism of the quaternary system Li, Na, K ‖ Cl, SO_4 reproduced in Fig. 1. The salts of this system form complex compounds in the binary, ternary, and reciprocal ternary systems which are components of the quaternary system. The authors offer the melting-point diagrams of the systems Li, Na, K ‖ SO_4, Li, Na, K ‖ Cl, Li, Na ‖ Cl, SO_4, Li, K ‖ Cl, SO_4, Na, K ‖ Cl, SO_4 (Fig. 2), horizontal sections through the quaternary system (Figs. 3a, 4,5), diagonal sections

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The Complicated Formation of Complex Compounds in the Quaternary Reciprocal System From the Chlorides and Sulfates of Lithium, Sodium, and Potassium

S/078/60/005/06/11/030
B004/B014

(Figs. 3b,6,7), "book sections" (Figs. 3v,8-11), and parallel vertical sections (Figs. 3g,12). Crystallization temperatures were determined for more than 8,000 compositions. The systems specified have 318 non-variant and monovariant ternary points. Molten Li_2SO_4, Na_2SO_4, and K_2SO_4 enter into complicated interactions and form complex compounds with the composition 1 : 1 and 2 : 1. As hitherto unknown, 1:1-complexes of chloride are also formed. $Li_2SO_4 \cdot K_2SO_4$ undergoes a secondary conversion. Solid solutions of Na_2SO_4 and K_2SO_4 dissociate in the quaternary system under the formation of three independent phases, (I), (II), and (III), from binary complex compounds of these sulfates. These solid solutions dissociate in the system Na, K ‖ Cl, SO_4 at 686 - 736°C, in the system Li, Na, K ‖ SO_4 at 790 - 820°C. The internal phases (IV), (V), (VI), (VII), and (VIII) consisting of ternary sulfates were found in the system Li, Na, K ‖ SO_4. The phases (IX), (X), (XI), and (XII) are internal phases of the quaternary system, and are quaternary hetero-ionic complex

Card 2/3

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

The Complicated Formation of Complex Compounds in the Quaternary Reciprocal System From the Chlorides and Sulfates of Lithium, Sodium, and Potassium

S/078/60/005/06/11/039
B004/B014

compounds all of which contain five ions. The formation of such compounds between chlorides and sulfates of alkali metals has hitherto been unknown. There is no isomorphism between the salts of Li and Na in the quaternary system under consideration. Both the sulfates and the chlorides form double-salt complex compounds. The action of the medium upon the formation of complex compounds consists in that the introduction of chlorides of Li, Na, K into the melt of the sulfates of these elements facilitates crystallization from the pure sulfate melt. The guiding action of the solvent upon composition and form of some complex compounds was furthermore ascertained. The authors refer to M. A. Klochko (Ref. 8) and O. S. Dombrovskaya (Ref. 9). There are 12 figures and 18 references: 15 Soviet and 3 German.

ASSOCIATION: Kubanskiy sel'skokhozyaystvennyy institut (Kuban Institute of Agriculture)

SUBMITTED: February 23, 1959

Card 3/3

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

5.4110

77851
SOV/79-30-2-2/78

AUTHORS: Il'yasov, I. I., Bergman, A. G.

TITLE: Physico-Chemical Analysis of Systems Containing Salts of Organic Acids. I. Mutual System Consisting of Chlorides and Acetates of Sodium and Potassium

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol 30, Nr 2, pp 355-358 (USSR)

ABSTRACT: The phase diagrams for the binary systems in the investigated mutually interacting system $Na^+, K^+ || Cl^-, CH_3COO^-$ are shown in Fig. 1 (the crystallization study was performed in test tubes surrounded by a sleeve heater).

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Physico-Chemical Analysis of Systems Containing Salts of Organic Acids. I

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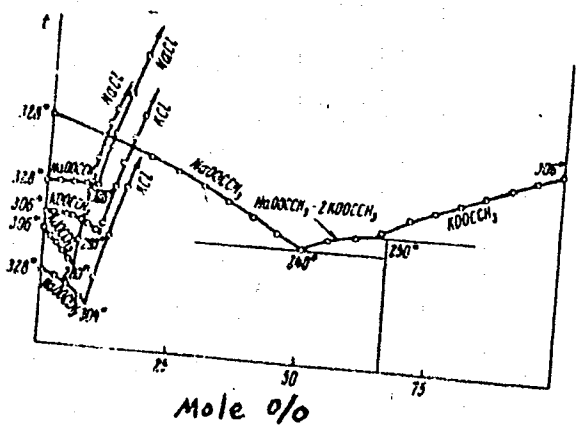

Fig. 1. Lateral binary systems and the diagonal sections.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

Physico-Chemical Analysis of Systems Containing Salts of Organic Acids. I

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It can be seen that sodium and potassium acetates form an incongruently melting compound, $NaOOCCH_3 \cdot 2KOOCCH_3$ with a transition point at 255° and 65% $KOOCCH_3$ (eutectic is at 240° and 50% $KOOCCH_3$); the system $NaOOCCH_3$ - NaCl has a eutectic point at 328° and 10% NaCl; eutectic of the system $KOOCCH_3$ - KCl is at 293° and 10.5% KCl. System NaCl - KCl was studied earlier (Bergman, A. G., Nikonova, I. N., Zhur. obshchey khim., 12, 460 (1942)). The crystallization surface of the mutually interacting system is shown in Fig. 2. The system N_a, K || Cl, CH_3COO is a reversibly-mutual system with a triangulating diagonal KCl - $NaOOCCH_3$. The crystallization fields meet in three nonvariant points (see Table 3).

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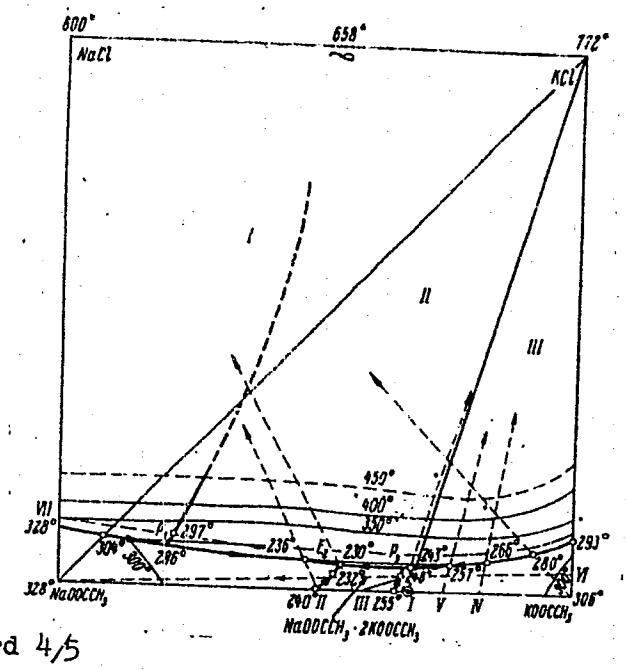

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Fig. 2. Diagram of fusibility of the mutual system, arrangement of inner cross sections and triangulation.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

Physico-Chemical Analysis of Systems Containing Salts of Organic Acids. I

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Key to Table 3: (1) Point; (2) temperature; (3) composition (in mole %); (4) equilibrium phases.

(1)	(2)	(3) NaCl	(3) $KOOCCH_3$	(3) $NaOOCCH_3$	(4)
P_1	286°	7.5	22.0	70.5	NaCl—KCl—$NaOOCCH_3$
E_2	230	5.0	55.0	40.0	KCl—$NaOOCCH_3$—$NaOOCCH_3 \cdot 2KOOCCH_3$
P_3	243	5.0	66.0	29.0	$NaOOCCH_3 \cdot 2KOOCCH_3$—KCl—$KOOCCH_3$

There are 2 figures; 3 tables; and 13 Soviet references.

ASSOCIATION: Rostov-on-Don Civil-Engineering Institute (Rostovskiy-na-Donu inzhenerno-stroitel'nyy institut)

SUBMITTED: January 29, 1959

Card 5/5

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

IL'YASOV, I.I.; SHCHERBAKOVA, G.G.; BERGMAN, A.G.

Fusibility diagram of a ternary system consisting of sodium, potassium, and lead bromides. Zhur.neorg.khim. 5 no.6:1254-1256 Je '60. (MIRA 13:7)

1. Rostovskiy-na-Donu inzhenerno-stroitel'nyy institut.
(Sodium bromide)
(Potassium bromide)
(Lead bromide)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, S. M.

PA 7/49T69

USSR/Medicine - Tuberculosis, Diagnosis May/Jun 48
Medicine - Sputum, Examination of

"Clinical and Epidemiological Significance of the Oligobacillary Condition," Prof I. I. Berlin, S. M. Bergman, V. S. Ioselevich, M. P. Meleshkevich, Ye. Yu. Sabshina, Ye. M. Nilova, Moscow Oblast Sci Res Tuberculosis Inst, 9 pp

"Problemy Tuberkuleza" No 3

Report extensive observations on 108 oligobacillary cases. Studied gastric contents by flotation method. Method is of considerable importance in the

[redacted]

7/49T69

USSR/Medicine - Tuberculosis, Diagnosis (Contd) May/Jun 48

differential and diagnostic analyses of nonspecific and basic tubercular cases or those with accompanying tubercular condition.

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7/49T69

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, V., prof., doktor

Organization of the methodical study of soils in the German Democratic Republic. Zemledelie 26 no.1:88-91 Ja'64. (MIRA 17:5)

1. Nauchno-issledovatel'skiy institut pitaniya rasteniy Nemetskoy akademii sel'skokhozyaystvennykh nauk g. Iyena, Germanskaya Demokraticheskaya Respublika.

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BERGMAN, V., prof., doktor

Organization of the methodical study of soils in the German Democratic Republic. Zemledelie 26 no.1:88-91 Ja'64. (MIRA 17:5)

1. Nauchno-issledovatel'skiy institut pitaniya rasteniy Nemetskoy akademii sel'skokhozyaystvennykh nauk g. Iyena, Germanskaya Demokraticheskaya Respublika.

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BERGMAN, Ya.; YEVSTRATOV, A.

New regulations on centralized management of freight haulage. Avt.transp. 38 no.7:13-15 Jl '60. (MIRA 13:7)
(Transportation, Automotive—Laws and regulations)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

I

HERGMAN, Ya.

Expanding the types of garage and automobile repair equipment. Avt.transp.32 no.11:17-18 N '54. (MLRA 8:3)

1. Leningradski oblavtotrest.
(Automobiles—Service stations) (Garages)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

DRUYAN, Ye.M.; BERGMAN, Ya.I.; SUKHOTIN, M.D.; SHUSTOV, A.S., otv. za vypusk; GALAKTIONOVA, Ye.N., tekhn.red.

[Organization of the centralized direction of automotive freight transportation in Leningrad] Opyt organizatsii tsentralizovannogo rukovodstva gruzovymi avtomobil'nymi perevozkami v Leningrade. Moskva, Nauchno-tekhn.izd-vo avtotransp.lit-ry, 1958. 44 p. (MIRA 12:6)
(Leningrad--Transportation, Automotive)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, Ya.; GRODNITSKIY, P.; EYZENKREYN, O.

Centralized operational service. Avt. transp. 37 no.8:10-12 Ag '59. (MIRA 12:12)

1. Leningradskiy filial Nauchno-issledovatel'skogo instituta avtomobil'nogo transporta i Krasnoyarskiy avtotrest.
(Transportation, Automotive)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, Ya. V.

ABRAMOV, S.K., kand.tekhn.nauk; AVERSHIN, S.G., prof., doktor tekhn.nauk; AMMOSOV, I.I., doktor geol.-min.nauk; ANDRIYEVSKIY, V.D., inzh.; ANTROPOV, A.N., inzh.; AFANAS'YEV, B.L., inzh.; BERGMAN, Ya.V., inzh.; BLOKHA, Ye.Ye., inzh.; BOGACHEVA, Ye.N., inzh.; BUKRINSKIY, V.A., kand.tekhn.nauk; VASIL'YEV, P.V., doktor geol.-min.nauk; VINOGRADOV, B.G., inzh.; GOLUBEV, S.A., inzh.; GORDIYENKO, P.D., inzh.; GUSEV, N.A., kand.tekhn.nauk; DOROKHIN, I.V., kand.geol.-min.nauk; KALMYKOV, G.S., inzh.; KASATOCHKIN, V.I., doktor khim.nauk; KOROLEV, I.V., inzh.; KOSTLIVTSEV, A.A., inzh.; KRATKOVSKIY, L.F., inzh.; KRASHENINNIKOV, G.F., prof. doktor geol.-min.nauk; KRIKUNOV, L.A., inzh.; LEVIT, D.Ye., inzh.; LISITSA, I.G., kand.tekhn.nauk; LUSHNIKOV, V.A., inzh.; MATVEYEV, A.K., dots., kand.geol.-min.nauk; MEFURISHVILI, G.Ye., inzh.; MIRONOV, K.V., inzh.; MOLCHANOV, I.I., inzh.; NAUMOVA, S.N., starshiy nauchnyy sotrudnik; NEKIPELOV, V.Ye., inzh., PAVLOV, F.F., doktor tekhn.nauk; PANYUKOV, P.N., doktor geol.-min.nauk; POPOV, V.S., inzh.; PYATLIN, M.P., kand.tekhn. nauk; RASHKOVSKIY, Ya.N., inzh.; ROMANOV, V.A., prof., doktor tekhn. nauk; RYZHOV, P.A., prof., doktor tekhn.nauk; SELYATITSKIY, G.A., inzh.; SPERANSKIY, M.A., inzh.; TERENT'YEV, Ye.V., inzh.; TITOV, N.G., doktor khim.nauk; GOKAREV, I.F., inzh.; TROYANSKIY, S.V., prof., doktor geol.-min.nauk; FEDOROV, B.D., dots., kand.tekhn.nauk; FEDOROV, V.S., inzh. [deceased]; KHOMENTOVSKIY, A.S., prof., doktor geol.-min.nauk; TROYANOVSKIY, S.V., otvetstvennyy red.; TERPIGOREV, A.M., red.; KRIKUNOV, L.A., red.; KUZNETSOV, I.A., red.; MIRONOV, K.V., red.; AVERSHIN, S.G., red.; BURTSEV, M.P., red.; VASIL'YEV, P.V., red.; MOLCHANOV, I.I., red.; RYZHOV, P.A., red.; BALANDIN, V.V., inzh., red.; BLOKH, I.M., kand. tekhn.nauk, red.; BUKRINSKIY, V.A., kand.tekhn.nauk, red.; VOLKOV, K.Yu., inzh., red.; VOROB'YEV, A.A., inzh., red.; ZVONAREV, K.A., prof. doktor tekhn.nauk, red.

(Continued on next card)

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ABRAMOV, S.K.-- (continued) Card 2.

ZDANOVICH, V.G., prof., doktor tekhn.nauk, red.; IVANOV, G.A., doktor geol.-min.nauk, red.; KARAVAYEV, N.M., red.; KOROTKOV, G.V., kand.geol.-min.nauk, red.; KOROTKOV, M.V., kand.tekhn.nauk, red.; MAKKAVEYEV, A.A., doktor geol.-min.nauk, red.; OMEL'CHENKO, A.N., kand.tekhn.nauk, red.; SENDERZON, E.M., kand.geol.-min.nauk, red.; USHAKOV, I.N., dots., kand. tekhn.nauk, red.; YABLOKOV, V.S., kand.geol.-min.nauk, red.; KOROLEVA, T.I., red.izd-va; KASHALKINA, Z.I., red.izd-va; PROZOROVSKAYA, F.L., tekhn.red.; NADEINSKAYA, A.A., tekhn.red.

[Mining; an encyclopedia handbook] Gornoe delo; entsiklopedicheskii spravochnik. Glav. red. A.M.Terpigorev. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po ugol'noi promyshl. Vol.2. [Geology of coal deposits and surveying] Geologiia ugol'nykh mestorozhdenii i marksheiderskoe delo. Redkolegiia toma S.V.Troianskiy. 1957. 646 p. (MIRA 11:5)

1. Chlen-korrespondent AN SSSR (for Karavayev)
(Coal geology--Dictionaries)

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BERGMAN, Ya. Ya.

BERGMAN, Ya. Ya. — "Means of Organizing a Firm Fodder Base for Animal Husbandry on Collective Farms of the Latvian SSR." Latvian Agricultural Academy, 1949 (Dissertation for the Degree of Candidate of Agricultural Sciences)

SO: Izvestiya Ak. Nauk Latviyskoy SSR, No. 9, Sept., 1955

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BERGMAN, Ya.Ya., red.; VENGRANOVICH, A., red.; ZHUKOVSKAYA, A., tekhn. red.

[Research on tile drainage and the economic efficiency of land improvement measures] Issledovaniia po goncharnomu drenazhu i narodnokhoziaistvennoi rentabel'nosti meliorativnykh meropriiatii. Pod red. IA.IA.Bergmana. Riga, Izd-vo Akad.nauk Latviiskoi SSR, 1955. 119 p. (MIRA 14:12)

1. Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Melioracijas instituts. 2. Chlen-korrespondent AN Latviyskoy SSR (for Bergman).

(Drainage)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, YA. YA.

USSR/General Division - Scientific Institutions. A-3

Abs Jour : Ref Zhur - Biologiya, No 1, 1957, 70.

Author : Ya.Ya. Bergman
Inst : ~~Institute of~~ Melioration.
Title : Institute of Melioration.

Orig Pub : V Kn. 10 let raboty AN Latv SSR (1946-1956) Riga, izd-vo Latv SSR, 1956, 147-161.

Abst : The Scientific-Research Institute of Melioration was founded in 1949 on the base of the Institute of Marsh Lands, Academy Latvian SSR. The Institute has five divisions: hydrology, hydromelioration, crop growing, mechanization, and marsh land draining. The members of the institute are developing methods of draining peat corbanic soils, swampy meadows, and law lying turf lands; they are studying problems of the draining of forests; are taking part in the development of a system of meliora-tion machines; are investigating turf areas on the

Card 1/2

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

USSR/General Division - Scientific Institutions. A-3

Abs Jour : Ref Zhur - Biologiya, No 1, 1957, 70.

territory of the republic. Experimental data on the influence of the draining methods, on yields of wheat and corn on drained lands, and on the fertilization of corn with microelements are cited. A brief review of the investigations conducted by the institute during the seven years of its existence is given.

Card 2/2

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMAN, Ya. Ya.

"Harvest Increase in Drained Areas of the Kolkhozes "Nakotne" and "Dayle".

Melioration Problems at the Joint LSession of the All-Union Academy of Agricultural Sciences imeni V. I. Lenin, 8-11 July 1958, Minsk. Gidrotekhnika i melioratsiya 1958 No 10, pp 61-64.

Director of Latvian Scientific Research Institute of Hydraulic Engineering and Melioration.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

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OZOLIN'SH, P. [Ozolins, P.]; BERGMANE, R.; BLEYYERE, I. [Bleiere, I.]

Interrelationship between the arterial oscillometric index and the temperature of skin. Vestis Latv ak no.4:123-126 '62.

1. Institut eksperimental'noy i klinicheskoy meditsiny AN Latviyskoy SSR.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

1. BERGMANIS, J.

2. USSR (600)

4. Soil Moisture

7. Introduction of rational methods for drying excessively humid soils in the Latvian S.S.R. Latv. PSR Zin. Akad. Vestis No.12, 1950.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMANIS, J., otv. red.; BRAKSS, A., red.; ZEMNIEKS, J., kand. ekonom. nauk, red.; ROZENBERGA, R., red.; LEMBERGA, A., tekhn. red.

[Agricultural economics] Lauksaimniecibas ekonomika. Riga, Latvijas PSR Zinatnu akad. izdevniecibā, 1961. 108 p. (MIRA 15:3)

1. Latvijas PSR Zinatnu akademija. Ekonomikas instituts.
2. Chlen-korrespondent Akademii nauk Latviyskoy SSR (for Bergmanis).

(Latvia--Agriculture--Economic aspects)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMANN, KAREL

SPACEK, Bohumil; BERGMANN, Karel

Surgical therapy of cardiac aneurysm following myocardial infarct. Roznl. chir. 35 no.5:320-328 May 56.

1. Ustav klinike a experimentalni chirurgie, Praha-Krc. Ustav chorob obehu krevniho, Praha-Krc.
(CORONARY VESSELS, aneurysm
caused by myocardial infarct. surg. (Cz))
(MYOCARDIAL INFARCT. compl.
cardiac aneurysm, surg. (Cz))

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DEJDAR, R.; WIDIMSKY, J.; VALACH, A.; FEJFAR, Z.; BERGMANN, K.

Radiological changes in cor pulmonale & their diagnostic significance. Cas. lek. cesk. 98 no.21:654-661 22 May 59.

1. Ustav pro choroby obehu krevniho, Praha-Krc, reditel prof. dr. Weber. Ustav pro vyzkum tuberkulozy, Praha-Bulovka. R.D., Praha-Krc, Budejovicka 800.

(PULMONARY HEART DISEASE, manifest.
x-ray changes, diag. significance (Cz))

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGMANN, K.; SPACEK, B.; PADOVCOVA, H.

First experiences with surgery of mitral stenosis in children and adolescents. Cas.lek.cesk. no.13:383-389 '60.

1. Vyzkumny ustav chorob obehu krevniho Praha-Krc, reditel prof. Dr. Sc. Klement Weber - Vyzkumny ustav klinicke a experimentalni chirurgie Praha-Krc, reditel prof.dr. Bohumil Spacek - II. detska klinika Praha, prednosta prof. dr. Josef Houstek.
(MITRAL STENOSIS surg.)

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BERGMANN, R., inzh. (Leyptsig, Germanskaya Demokraticheskaya Respublika)

The "Rapid III" tower crane. Na stroi.Mosk. 2 no.2:31 F '59. (MIRA 12:3)

(Leipzig--Cranes, derricks, etc.)

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BLEKTA, M.; MACKU, Fr.; BENDL, J.; PESKOVA, V.; CHYTIL, M.; OPPLT, J.; BERGMANNOVA, E.; VAKOCOVA, H.

Protein metabolism disorders in late gestosis. Acta univ. carol. [med.] Suppl. 14:141-161 '61.

1. II. porodnicko-gynekologicka klinika fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta prof. dr. J. Lukas II. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta prof. dr. F. Herles Biochemicke oddeleni fakultni nemonice v Praze, prednosta prim. dr. J. Opplt.
(PREGNANCY TOXEMIAS blood) (BLOOD PROTEINS in pregnancy)

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BEDNAR, J., PhMr. (Praha 1, Narodni tr. 8); BERGMANNOVA, E.; ROHLING, S.

Contribution to the determination of serum iodine soluble in butanol. Cesk. farm. 14 no.7:351-355 S '65.

1. Vyzkumny ustav endokrinologicky, Praha.

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BERGMANNOVA, V.

Treatment of spastic torticollis with exercise. Cesk. psychiat. 61 no.2:91-97 Ap '65

1. Nervova klinika Charite Humboldtovy University v Berline.

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BERGNER, E., dr.; STERN, A., dr.; VANCEA, D., dr.

Pathogenicity of hemolytic strains of Escherichia coli. Microbiologia (Bucur) 10 no.1:41-48 Ja-F'65.

1. Lucrare efectuata la Catedra de microbiologie (director: prof. Gh. Badenschi) si Clinica I de pediatrie (director: prof. Axente Iancu), Institutul medico-farmaceutic, Cluj.

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IVANOF, A.; BERGNER, E.; BUIA, C.

Modifications of the pharyngeal and intestinal aerobe microbial flora following antibiotic treatment oc children; consecutive staphylococcal otic complications. Microbiologia (Bucur) 6 no.1:59-60 Ja-F '61.

1. Institutul de igiena, Cluj.

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BADENSKI, Gh., prof.; BERGNER, Eva; BUIA, Claudia; IVANOF, A.

Experimental staphylococcal infection of the white mouse by the ocular way. Microbiologia (Bucur) 6 no.1:62-63 Ja-F '61.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGNER, Eva, Dr.

Intestinal complications of antibiotic therapy. Rev. igiena microb. epidem., Bucur. Vol. 4:84-89 Oct-Dec 55.

(ANTIBIOTICS, inj. eff.
intestinal disord.
(GASTROINTESTINAL DISEASES
caused by antibiotics.

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L 13058-66 EWA(j)/T/EWA(b)-2 JK

ACC NR: AP6005728 SOURCE CODE: RU/0023/65/010/001/0041/0048

AUTHOR: Bergner, E.--Bergner, Ye. (Doctor); Stern, A.--Shtern, A. (Doctor); Vancea, D.--Vancha, D. (Doctor)

ORG: Department of Microbiology, IMF, Cluj (Catedra de microbiologie, IMF); Clinic No. 1 of Pediatrics, IMF, Cluj (Clinica I de pediatrie, IMF)

TITLE: Pathogenicity of the hemolytic strains of Escherichia coli

SOURCE: Microbiologia, parazitologia, epidemiologia, v. 10, no. 1, 1965, 41-48

TOPIC TAGS: bacteria, experiment animal, antibiotic, pathogenesis, bacteriology

ABSTRACT: A study of the morphological, biochemical and antigenic character, haemolytic and haemagglutinating capacity, dermonecrosis in rabbits and pathenogenity in mice, lysosensitivity and lysogenicity as well as sensitivity to antibiotics of 60 strains of haemolytic Escherichia coli and 33 non-haemolytic strains. No clear difference of any kind was found between the results with the two categories; also, it was not possible to establish a relationship between the haemolytic capacity and the pathogenicity of Escherichia coli strains. Orig. art. has: 4 tables. [JPRS]

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SOV REF: 005

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UDC: 576.851.48.093.1:616.34-008.3-07

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000204920002-2

BERGNER, Yu. K.

USSR/Physics - Electron Streams 21 May 51

"Theory of Oscillations of Interacting Electron Streams," Yu. K. Bergner

"Dok Ak Nauk SSSR" Vol LXXVIII, No 3, pp 435-438

Theoretically investigates wave propagation along interacting electron streams at various velocities, taking into account thermal motion. Derives dispersion eqs by A. I. Akhiyeser and Ya. B. Feynberg ("Dok Ak Nauk SSSR" Vol LXIX, 555, 1949). Submitted by Acad V. A. Fok 23 Mar 51.

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